

Claims:

1. A light-sensitive composition which comprises a polymer comprising a carboxyl group and a polymerizable double bond at the side chain, an organic borate salt, and a hindered amine compound or a protonic acid captor.

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2. The light-sensitive composition according to Claim 1, wherein the composition further comprises an ethylenically unsaturated compound.

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3. The light-sensitive composition according to Claim 2, wherein the ethylenically unsaturated compound is a polymerizable compound having two or more polymerizable double bond in the molecule.

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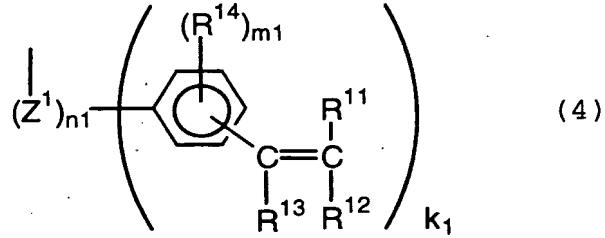
4. The light-sensitive composition according to Claim 3, wherein the polymerizable compound is a monomer or an oligomer.

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5. The light-sensitive composition according to Claim 1, wherein the polymer is a polymer having a phenyl group to which a vinyl group is substituted at the side chain.

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6. The light-sensitive composition according to Claim 1, wherein the polymer is a polymer having a group represented by the following formula (4):



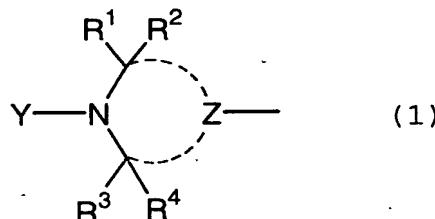
wherein Z¹ represents a linking group; R¹¹, R¹² and R¹³ each represent a hydrogen atom, a halogen atom, a carboxyl group, a sulfo group, a nitro group, a cyano group, an amide group, an amino group, an alkyl group, an aryl group, an alkoxy

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group or an aryloxy group; R<sup>14</sup> is a substitutable group or atom; n<sub>1</sub> is 0 or 1; m<sub>1</sub> is an integer of 0 to 4; and k<sub>1</sub> is an integer of 1 to 4,  
at the side chain.

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7. The light-sensitive composition according to Claim 1, wherein the hindered amine compound is a compound having at least one structural unit represented by the following formula (1):



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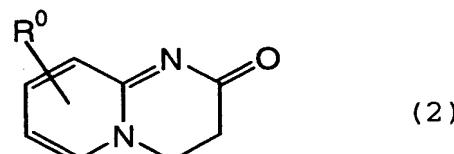
wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> each represent a hydrogen atom, an alkyl group or an aryl group; Z represents an atomic group necessary for forming a nitrogen-containing aliphatic ring; Y represents a hydrogen atom, an alkyl group or an organic residue; among R<sup>1</sup> and R<sup>2</sup>, or among R<sup>3</sup> and R<sup>4</sup>, one of which may be incorporated into Z and provide a double bond.

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8. The light-sensitive composition according to Claim 1, wherein the protonic acid captor is a compound which is capable of forming a difficultly soluble salt by bonding to the protonic acid.

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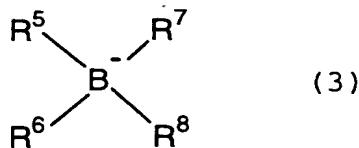
9. The light-sensitive composition according to Claim 1, wherein the protonic acid captor is a compound represented by the following formula (2):



wherein R<sup>0</sup> represents a hydrogen atom, a substituted or unsubstituted alkyl group, a substituted or unsubstituted aryl group, a carboxyamide group, a hydroxyl group or a

condensed ring.

10. The light-sensitive composition according to Claim 1, wherein  
the organic borate salt is a compound having an organic boron  
anion represented by the following formula (3):



wherein R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> each represent an alkyl group, an aryl group, an aralkyl group, an alkenyl group, an alkynyl group, a cycloalkyl group or a heterocyclic group.

11. The light-sensitive composition according to Claim 1, wherein  
the composition further comprises a sensitizing dye which  
sensitizes the organic borate salt at a wavelength region of  
380 nm to 1300 nm.

12. The light-sensitive composition according to Claim 1, wherein  
the composition further comprises a sensitizing dye which  
sensitizes the organic borate salt at a wavelength region of  
380 nm to 410 nm.

13. The light-sensitive composition according to Claim 1, wherein  
the composition further comprises a sensitizing dye which  
sensitizes the organic borate salt at a wavelength region of  
750 nm or longer.

14. The light-sensitive composition according to Claim 1, wherein  
the composition further comprises a trihaloalkyl-substituted  
compound.

15. The light-sensitive composition according to Claim 14,  
wherein the trihaloalkyl-substituted compound is a nitrogen-  
containing heterocyclic compound having a trihalomethyl group  
or a trihalomethylsulfonyl compound.

16. A lithographic printing plate which comprises an aluminum plate and a light-sensitive layer comprising the light-sensitive composition according to Claim 1.